



## Flexcon® NexGen™ CPP344

Exterior Durable Gloss Topcoated 4 Mil Frosty Clear Polypropylene - Roll Form High Performance Permanent Adhesive Roll Liner  
FLX068543

### Benefits

- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, polycarbonate and fiberglass

### Features

- Gloss topcoated 4.0 mil frosty clear polypropylene (vinyl alternative) provides consistent surface smoothness and excellent dimensional stability
- Printable via resin & wax/resin thermal transfer; UV & solvent screen; UV, solvent & water flexo; laser (toner); and narrow-format UV inkjet
- High shear and high peel adhesive resists cold flow and oozing
- Adhesive bonds well to base film substrates
- 90 lb. moisture stable polycoated release liner is ideal for roll-to-sheet and sheet-form converting on most narrow-format presses

### Additional Details

- All narrow-format UV inkjet systems are different; therefore, we recommend "fit-for-use" testing. For laser diecutability, please check with your equipment manufacturer.

### Technical Data

#### Physical Properties

| Thickness (Mils [microns]) | Mils                | Microns |
|----------------------------|---------------------|---------|
| Total Product              | 8.45                |         |
| Film                       | 4.0 +/- 10%         | 102     |
| Adhesive                   | 0.9-1.0 +/- 0.1 (3) | 23-25   |
| Liner                      | 3.1 +/- 10%         | 79      |

Test Method: ASTM D 3652 (Modified for use with non-tape products)



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### Adhesion Properties

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------|---------------|-------|
| Acrylic            | 82            | 902   |
| Stainless Steel    | 73            | 803   |
| Glass              | 75            | 825   |
| Polypropylene      | 37            | 407   |
| Painted Metal      | 72            | 792   |

Test Method: ASTM D 903 (Modified for 72 hour dwell time)

| Additional Properties           | Value                                      | Test Method |
|---------------------------------|--|-------------|
| Expected Shear (hours)          |  |             |
| Tack (g)                        | 750  | ASTM D 2979 |
| Expected Exterior Life          | Five years based on 2500 hrs. Xenon Arc    |             |
| Additional Information          |  |             |
| Service Temperature             | -40°F to 212°F (-40°C to 100°C)            |             |
| Minimum Application Temperature | 50°F (10°C)                                |             |
| Storage Stability               | Two years stored at 70°F (21°C) and 50% RH |             |

## Product Performance and Suitability

Descriptive information, performance data, and recommendations for Flexcon products are guides and not specifications. Providing this information is to assist you and does not constitute a warranty of any kind by Flexcon.

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